

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Business/ industry	Sector of employment		
			4-yr. college/ university	Other educational institution	Government
All degree levels ^a					
All occupations, total	50,000	54,000	43,000	37,100	48,000
White	50,000	55,000	45,000	38,000	49,000
Black	40,000	42,000	37,500	36,400	41,000
Hispanic	44,000	48,000	37,600	36,000	44,000
Asian	50,000	52,000	38,000	35,000	48,000
Other	40,000	40,000	30,000	35,000	45,000
S&E occupations, total	55,000	58,000	44,500	43,000	52,000
White	55,000	59,000	45,000	43,000	53,000
Black	48,000	50,000	40,000	40,000	48,000
Hispanic	50,000	53,000	39,100	49,000	49,000
Asian	55,000	60,000	40,000	43,300	52,000
Other	49,000	50,000	25,000	S	50,000
Scientists, total	52,000	55,700	43,000	43,000	50,000
White	52,300	56,000	44,000	43,000	50,000
Black	46,000	48,000	40,000	39,000	45,000
Hispanic	48,000	51,000	39,000	49,000	45,000
Asian	53,000	58,000	38,000	39,000	46,400
Other	40,000	50,000	25,000	S	40,000
Computer/math scientists, total	56,000	58,000	45,000	43,000	52,000
White	56,800	59,100	45,000	42,000	53,000
Black	48,000	50,000	40,000	S	46,000
Hispanic	53,000	55,000	42,600	S	50,000
Asian	56,000	60,000	44,000	47,000	46,400
Other	54,000	66,000	S	S	S
Life/related scientists, total	44,000	48,000	40,000	42,000	44,000
White	45,000	46,000	42,000	42,000	45,000
Black	45,900	52,000	31,500	S	46,000
Hispanic	40,000	50,000	35,700	S	40,000
Asian	40,000	55,000	32,000	34,000	42,000
Other	27,900	S	25,000	S	38,000
Physical/related scientists, total	50,000	52,500	42,000	40,000	50,100
White	50,000	53,200	44,000	40,000	51,000
Black	42,000	42,000	37,000	S	45,000
Hispanic	41,300	42,000	35,800	S	43,800
Asian	50,000	55,000	36,000	S	49,200
Other					
Social/related scientists, total	45,000	40,000	45,000	45,000	50,000
White	45,000	42,000	45,000	45,000	50,000
Black	36,900	33,000	43,000	38,500	36,000
Hispanic	40,000	40,000	42,000	45,000	42,000
Asian	44,000	46,700	42,000	36,000	55,000
Other	30,000	25,000	40,000	S	S
Engineers, total	60,000	60,000	52,600	48,000	56,000
White	60,000	60,000	55,000	47,000	57,000
Black	52,000	52,000	44,000	S	52,000
Hispanic	54,000	55,000	41,000	S	54,000
Asian	58,000	60,000	47,000	S	55,000
Other	53,000	53,000	S	S	55,000

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. college/ university	Other educational institution	Government
Non-S&E occupations,					
total	46,000	50,000	42,000	36,000	44,400
White	48,000	51,000	43,500	36,000	45,000
Black	38,000	38,500	37,000	36,000	39,000
Hispanic	40,000	42,000	37,300	35,000	42,000
Asian	42,000	45,000	36,000	33,000	40,000
Other	36,000	35,000	30,000	35,000	45,000
Managers/administrators	62,000	66,000	55,000	53,200	54,500
White	64,000	68,000	55,000	54,000	55,000
Black	50,000	50,000	50,000	48,000	50,000
Hispanic	55,000	59,000	42,000	53,100	48,000
Asian	60,000	60,000	60,000	50,000	52,100
Other	50,900	59,000	S	S	46,000
Other non-S&E occupations	40,000	42,000	38,000	35,000	40,000
White	40,000	44,000	40,000	35,000	40,000
Black	35,000	35,000	35,000	33,500	35,700
Hispanic	36,000	35,000	35,000	33,000	38,000
Asian	38,700	40,000	35,000	32,000	37,000
Other	32,000	30,000	30,000	34,000	37,000
Bachelor's					
All occupations, total	45,000	48,000	30,000	29,000	42,500
White	45,500	50,000	30,000	29,000	43,500
Black	36,000	39,000	30,000	28,000	37,000
Hispanic	40,000	42,000	29,000	30,000	40,000
Asian	42,300	45,000	30,000	29,000	44,000
Other	35,000	35,000	S	26,200	40,000
S&E occupations, total	52,000	55,000	24,000	36,000	50,000
White	53,000	55,000	24,000	36,000	50,100
Black	47,500	48,000	25,000	S	48,000
Hispanic	49,500	50,000	22,000	S	48,000
Asian	50,000	50,000	26,000	S	50,400
Other	45,000	50,000	S	S	40,000
Scientists, total	50,000	52,000	23,000	36,000	45,000
White	50,000	53,000	22,000	36,000	46,000
Black	45,000	45,000	S	S	46,000
Hispanic	46,000	49,000	22,000	S	40,000
Asian	48,000	50,000	25,000	S	45,000
Other	31,600	40,000	S	S	S
Computer/math scientists,					
total	54,000	55,000	39,200	39,200	50,000
White	55,000	55,000	40,000	39,200	50,000
Black	47,000	48,000	S	S	46,000
Hispanic	50,000	52,400	S	S	48,000
Asian	50,000	52,000	S	S	46,000
Other	S	S	S	S	S
Life/related scientists,					
total	36,000	40,000	20,000	S	40,000
White	36,000	40,000	19,000	S	40,000
Black	46,000	S	S	S	S
Hispanic	33,000	S	S	S	S
Asian	35,000	S	24,000	S	S
Other	S	S	S	S	S

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. college/ university	Other educational institution	Government
Physical/related scientists,					
total	42,000	45,000	15,000	S	45,000
White	42,800	45,000	15,000	S	45,000
Black	41,000	41,000	S	S	S
Hispanic	34,000	34,000	S	S	S
Asian	40,000	41,000	S	S	S
Other	S	S	S	S	S
Social/related scientists,					
total	25,000	25,200	16,000	S	40,000
White	25,000	25,200	16,000	S	40,000
Black	27,500	S	S	S	S
Hispanic	22,500	S	S	S	S
Asian	S	S	S	S	S
Other	S	S	S	S	S
Engineers, total	55,000	56,000	38,000	42,000	55,000
White	56,700	58,000	43,000	S	55,000
Black	50,000	50,000	S	S	50,000
Hispanic	52,000	52,000	S	S	54,000
Asian	51,000	52,000	35,000	S	53,500
Other	53,000	52,700	S	S	S
Non-S&E occupations,					
total	40,000	42,000	33,000	29,000	39,000
White	40,000	45,000	34,000	29,000	40,000
Black	33,000	35,000	31,000	28,000	35,000
Hispanic	35,000	35,000	30,000	30,000	39,000
Asian	36,500	39,000	32,000	29,000	37,000
Other	31,000	30,000	S	26,500	40,000
Managers/administrators	56,000	60,000	47,000	38,000	50,000
White	60,000	60,000	48,400	36,000	50,000
Black	45,000	47,000	S	S	45,000
Hispanic	49,500	53,800	S	S	46,000
Asian	50,000	50,000	S	S	50,000
Other	46,000	55,000	S	S	S
Other non-S&E occupations	35,000	36,000	30,000	28,000	35,000
White	35,000	37,000	30,000	28,400	36,000
Black	30,000	30,000	28,000	27,100	33,000
Hispanic	30,200	30,000	29,000	29,500	36,000
Asian	35,000	36,000	32,000	28,000	36,000
Other	29,000	25,500	S	25,000	33,000
Master's					
All occupations, total	53,000	61,000	37,200	43,500	50,000
White	54,000	63,000	38,000	44,000	51,600
Black	45,000	50,000	36,000	43,000	45,000
Hispanic	50,000	55,000	34,300	43,000	48,000
Asian	55,000	60,000	34,000	40,000	51,000
Other	45,000	50,000	S	41,500	50,900
S&E occupations, total	59,000	63,000	33,000	45,000	54,000
White	60,000	64,000	34,800	45,000	54,000
Black	48,000	57,000	27,000	38,500	45,000
Hispanic	55,000	58,500	33,000	48,000	50,000
Asian	59,000	60,000	31,000	S	53,000
Other	50,000	55,000	S	S	S

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. college/ university	Other educational institution	Government
Scientists, total	54,000	60,000	33,000	45,000	50,000
White	54,000	61,000	34,000	45,000	51,000
Black	43,000	55,000	28,000	38,500	42,000
Hispanic	50,000	55,000	33,000	48,000	46,500
Asian	57,000	60,000	32,000	S	45,000
Other	42,000	S	S	S	S
Computer/math scientists,					
total	60,000	65,000	38,000	45,000	55,000
White	61,000	65,000	39,600	45,000	56,500
Black	52,000	59,500	S	S	50,000
Hispanic	59,500	63,200	S	S	S
Asian	60,000	61,000	39,000	S	S
Other	S	S	S	S	S
Life/related scientists,					
total	42,000	49,000	31,000	42,000	44,000
White	42,000	50,000	32,000	42,000	44,900
Black	39,000	S	S	S	S
Hispanic	33,000	S	S	S	S
Asian	39,000	45,000	28,000	S	S
Other	S	S	S	S	S
Physical/related scientists,					
total	51,000	58,000	30,000	41,000	51,000
White	52,000	60,000	32,600	41,000	52,000
Black	41,000	S	S	S	S
Hispanic	47,500	S	S	S	S
Asian	44,000	51,000	30,000	S	S
Other	S	S	S	S	S
Social/related scientists,					
total	41,100	40,000	30,000	45,000	46,000
White	42,000	40,000	29,300	46,000	48,000
Black	35,000	S	S	38,500	35,000
Hispanic	45,000	40,000	S	S	S
Asian	38,000	48,000	S	S	S
Other	S	S	S	S	S
Engineers, total	63,600	65,000	39,000	48,000	60,000
White	65,000	66,000	45,000	S	60,000
Black	58,000	60,000	S	S	56,000
Hispanic	58,500	60,000	S	S	53,000
Asian	60,000	61,000	30,000	S	56,600
Other	55,000	S	S	S	S
Non-S&E occupations,					
total	50,000	60,000	40,000	43,000	50,000
White	50,500	60,000	42,000	44,000	50,000
Black	44,000	45,000	39,000	43,000	45,700
Hispanic	46,000	54,000	36,000	42,000	46,300
Asian	50,000	52,000	41,000	38,000	48,000
Other	42,000	42,600	S	40,000	S
Managers/administrators	68,000	75,000	55,000	54,000	59,800
White	70,000	75,000	56,000	54,000	60,000
Black	54,700	55,000	46,000	50,000	55,800
Hispanic	60,000	66,000	S	53,100	54,500
Asian	65,000	70,000	S	S	56,000
Other	53,500	S	S	S	S

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Sector of employment			
		Business/ industry	4-yr. college/ university	Other educational institution	Government
Other non-S&E occupations	42,000	43,200	36,000	41,000	42,000
White	42,000	45,000	36,000	41,600	42,700
Black	40,000	35,000	35,000	40,000	40,000
Hispanic	39,000	39,000	32,000	39,000	45,000
Asian	42,000	45,000	39,000	37,500	42,900
Other	37,000	S	S	S	S
Doctorate					
All occupations, total	63,000	74,700	55,000	52,000	65,000
White	63,400	75,000	56,000	52,000	65,600
Black	54,000	65,000	50,000	58,700	58,000
Hispanic	55,000	67,800	51,000	51,000	53,000
Asian	65,000	72,000	50,000	50,000	60,000
Other	52,000	70,000	49,000	S	48,000
S&E occupations, total	62,000	72,700	54,000	49,200	63,400
White	62,000	75,000	55,000	49,000	65,000
Black	55,000	69,000	50,000	45,000	58,000
Hispanic	55,900	69,000	50,000	50,000	60,500
Asian	62,000	70,000	48,000	48,000	60,000
Other	50,000	70,000	48,500	S	48,000
Scientists, total	60,000	71,000	52,000	49,200	62,000
White	60,000	72,100	54,000	49,000	62,000
Black	53,000	65,000	49,000	45,000	58,000
Hispanic	52,000	65,000	48,000	50,000	60,000
Asian	56,000	69,000	45,000	48,000	60,100
Other	49,000	70,000	48,500	S	48,000
Computer/math scientists,					
total	65,000	76,000	56,000	50,000	65,000
White	65,000	79,000	57,000	54,000	65,000
Black	63,000	80,000	57,700	S	S
Hispanic	55,000	72,000	55,000	S	S
Asian	65,000	71,000	52,000	S	72,000
Other	S	S	S	S	S
Life/related scientists,					
total	57,500	70,000	52,000	46,000	61,000
White	59,000	70,000	55,000	48,000	62,000
Black	54,000	69,000	45,000	S	61,000
Hispanic	55,000	66,000	49,000	S	54,600
Asian	48,000	70,000	37,000	34,000	57,000
Other	52,000	S	47,000	S	S
Physical/related scientists,					
total	65,000	73,600	54,000	40,000	72,000
White	66,000	75,000	55,000	40,000	72,100
Black	60,000	67,000	47,000	S	75,000
Hispanic	58,400	63,000	50,000	S	75,000
Asian	60,000	65,000	45,000	S	70,000
Other	50,000	S	S	S	S
Social/related scientists,					
total	54,000	65,000	50,000	51,000	56,000
White	55,000	65,000	51,000	50,000	56,200
Black	50,000	53,000	49,500	S	58,000
Hispanic	48,600	59,000	46,000	S	60,000
Asian	49,000	50,000	49,000	S	46,000
Other	48,000	S	48,000	S	S

See explanatory notes, if any, and SOURCE at end of table.

Appendix table 3-16.

Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, race or ethnicity, and employment sector: 1997
(Dollars)

Occupation and race/ethnicity	Employed S&Es, total	Business/ industry	Sector of employment		
			4-yr. college/ university	Other educational institution	Government
Engineers, total	72,000	75,000	65,000	S	70,000
White	73,900	79,000	67,000	S	71,000
Black	67,000	73,500	60,000	S	S
Hispanic	66,100	72,000	60,000	S	S
Asian	70,000	72,000	65,000	S	60,000
Other	72,100	S	S	S	S
Non-S&E occupations,					
total	65,000	75,000	60,000	58,000	71,000
White	66,000	75,000	60,000	58,000	72,000
Black	53,100	55,000	53,100	58,700	52,000
Hispanic	52,000	65,000	52,000	52,000	52,000
Asian	72,000	82,000	60,000	60,000	66,000
Other	55,000	61,300	53,400	S	S
Managers/administrators	83,500	90,000	80,000	73,700	77,400
White	85,000	92,000	80,700	72,100	77,500
Black	71,200	77,900	70,000	S	53,000
Hispanic	65,000	65,000	72,500	S	25,000
Asian	88,100	90,300	76,000	S	61,000
Other	72,100	S	S	S	S
Other non-S&E occupations	52,300	56,200	53,000	45,000	60,900
White	53,000	55,000	53,200	45,000	63,700
Black	42,000	25,000	50,000	36,600	S
Hispanic	52,000	63,000	52,000	S	S
Asian	63,100	72,100	56,000	48,000	66,000
Other	34,000	S	39,000	S	S

S = suppressed for reasons of confidentiality and/or data reliability

*Includes professional degrees.

NOTES: The term "Scientists and Engineers" (S&Es) includes all people who have ever received a bachelor's degree or higher in an S&E field, plus people holding a non-S&E bachelor's or higher degree who were employed in an S&E occupation during the 1993, 1995, or 1997 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Studies (NSF/SRS), Scientists and Engineers Statistical Data System (SESTAT), 1997.

See figure 3-11 in Volume 1.